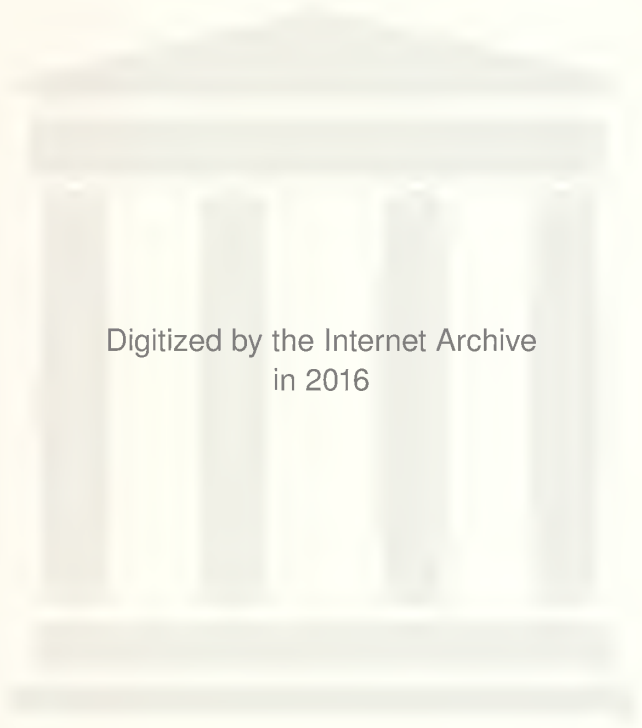
ARCHIVES



Digitized by the Internet Archive
in 2016

https://archive.org/details/artssciencescour00stjo_4

Saint Joseph's College for Women



245-253 CLINTON AVENUE
BROOKLYN, N. Y.

1927-1928

Saint Joseph's College for Women

Conducted by

The Sisters of St. Joseph

BROOKLYN-NEW YORK



Y.

CATALOGUE

1927-1928

CONTENTS

PAGE

Absences 14
Advisory Board 7
Bequests, Form of 42
Board of Trustees 7
Calendar:
 Academic 5
 Condition Examinations 6
Courses of Study:
 Biology 40
 Chemistry 39
 Church History 21
 Classics 26
 Education 21
 English 27
 Ethics 20
 French 31
 German 32
 Greek 24
 History 34
 Latin 22
 Mathematics 36
 Political Science 34
 Philosophy 19
 Physics 39
 Religion 18
 Sacred Scripture 18
 Spanish 33
Credits 14
Degrees:
 Requirements 17
 Presented Subjects 15
 Honors 15
Entrance Requirements 11
Examinations 13
Faculty 8
Fees 13
General Regulations 14
Grades 14
Officers of Administration 8
Registration 13
Scholarships 16
Students' Organizations 41

29075

CALENDAR *for* 1927-1928

1927

September 5-12 — Registration week.
12-16 — Entrance examinations.
Condition examinations.
23 — Friday, 9.00 A. M.—Mass. Programs.
26 — Monday, 9.00 A. M.—Classes.

October 4 — Founders' Day (holiday).
12 — Columbus Day (holiday).

November 8 — Election Day (holiday).
24-25 — Thanksgiving recess.

December 8 — Feast of the Immaculate Conception (holiday).
22 — Thursday, 5.00 P. M.—Christmas recess.

1928

January 3 — Tuesday, 9.00 A. M.—Classes resumed.
21-28 — Saturday-Saturday—Mid-Year examinations.

February 22 — Washington's Birthday (holiday).
25 — Saturday—Condition examinations.

April 4 — Wednesday, 5.00 P. M.—Easter recess.
16 — Monday, 9.00 A. M.—Classes resumed.

May 17 — Ascension Day (holiday).
26-June 2 — Saturday-Saturday—Final examinations.
30 — Decoration Day (holiday).

June 3 — Sunday—Baccalaureate Sermon.
6 — Commencement.

SCHEDULE *of* CONDITION AND ENTRANCE EXAMINATIONS

1927	9.30-11.30 A. M.	1.30-3.30 P. M.
Monday, September 12	English Principles of Ed.	Ch. History Latin Greek
Tuesday, September 13	Religion Philosophy	Scripture
Wednesday, September 14	German French Spanish	History
Thursday, September 15	Mathematics	Government
Friday, September 16	Science Gen. Psychology	Ed. Psychology Logic

1927 CALENDAR 1927

SEPTEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1928 CALENDAR 1928

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

MARCH

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OFFICERS *of* GOVERNMENT

Board *of* Trustees

Right Rev. Thomas E. Molloy, D.D.
President

Rev. William T. Dillon, J.D.

Hon. John Curtin, LL.B.

Mother Mary Louis
Superior of Sisters of St. Joseph

Sister Mary John

Sister M. Angeline, B.A.

Sister Jane Frances

Sister M. Carmela, M.A.

ADVISORY BOARD

Mathias Figueira, M.D.....14 Stuyvesant Avenue, Brooklyn

Mr. Joseph F. Keaney, K.S.G.....470 Washington Avenue, Brooklyn

The Honorable William J. Kelly.....292 St. James' Place, Brooklyn

Mr. James J. Kirwin.....537 East 17th Street, Brooklyn

Francis J. Magilligan, M.D.....137 Bergen Street, Brooklyn

The Honorable Denis O'Leary.....Douglaston, N. Y.

Mr. George F. Ryan.....46 Jackson Avenue, Long Island City

James J. Walsh, M.D., Ph.D., Litt.D.....100 West 74th Street, New York

James S. Waterman, M.D.....676 St. Mark's Avenue, Brooklyn

The Honorable John Whalen, LL.D.....458 West 153d Street, New York

OFFICERS *of* ADMINISTRATION

SISTER MARY ANGELINE, B.A.
Dean

SISTER M. LORENZO, M.A. SISTER M. MANUELLA
Registrars

SISTER M. CONCETTA, B.A.
Librarian

FACULTY

THE REVEREND WILLIAM T. DILLON, J.D.
Religion, Philosophy

SISTER MARY CARMELA, M.A.
Chemistry

SISTER MARIE DE LA SALLE, Ph.D.
Classical Language

SISTER M. CHARITINA, M.A.
Classical Language

SISTER MARY ANGELICA, Ph.D.
Mathematics

SISTER FRANCIS XAVIER, M.A.
Mathematics

SISTER AUGUSTINE MARIA, Ph.D.
English

SISTER M. NATALIE, Ph.D.
English

SISTER FRANCIS ANTONIA, M.A.
Biology

FACULTY

(Continued)

SISTER M. GERARDUS, Ph.D.
History

SISTER MARIE CONCEPCION, B.A.
Physics

SISTER M. MANUELLA
Religion

SISTER M. LORENZO, M.A.
Methods

SISTER AGNES JOSEPH
Music

GEORGE N. SHUSTER, M.A.
English

PHILIP R. V. CUROE, Ph.D.
Education

MILO F. McDONALD, Ph.D.
Education

FRANK P. FITZSIMMONS, Ph.D.
Logic

ELSIE KENGLA, Ph.D.
Education

JOSÉ L. PERRIER, M.D., Ph.D.
French, Spanish

OSCAR F. W. FERNSEMER, Ph.D.
German

FACULTY

(Continued)

SAMUEL F. TELFAIR, M.A.
History

ANTOINETTE PANTANO, M.A.
French

ESTHER RAFFALLI, B.A.
Spanish

JANE MASSEY, B.A.
History

GERTRUDE WALSH
Oral English

ANNE REARDON, M.A.
Physical Training

CONSTANCE DOYLE, B.A.
Sewing

CONSTANCE CODY
Athletics

AGNES C. PIDGEON
Secretary to the Dean

ST. JOSEPH'S COLLEGE *for* WOMEN

GENERAL STATEMENT

St. Joseph's College for Women was founded by the Rt. Rev. Charles E. McDonnell, D.D., Bishop of Brooklyn.

Its charter, granted by the Board of Regents of the State of New York, February 24, 1916, gives the College the privilege "to establish and maintain, in accordance with the requirements of the Regents of the University of the State of New York, departments of higher education; and, subject to the requirements and restrictions of the laws of the Regents' rules, to confer upon duly qualified students registered degrees."

ENTRANCE REQUIREMENTS

PRESCRIBED

English, 4 years	3	units
Elementary Algebra	1	"
Plane Geometry	1	"

ALTERNATIVE

Foreign Language, 3 years	3	"
Foreign Language, 2 years	2	"
Elementary Science	1	"
History	1	"

ELECTIVE

Subjects not offered as part of the above	3	"
Total	15	units

Elective subjects chosen may be:

An additional year of Foreign Language 1 unit

An additional year of History 1 "

An additional Science 1 "

Elementary and Advanced Drawing 1 "

Advanced Algebra ½ "

Intermediate Algebra ½ "

Solid Geometry ½ "

Plane Trigonometry ½ "

Foreign languages accepted are: Latin, Greek, French, German, Spanish and Italian.

A student may be admitted under either of the following plans:

A. On presentation of the 15 Regents' units as listed above.

B. On passing entrance examination to meet these conditions.

Students who have an Academic Diploma, but lack one or more of the required units may take examinations in these subjects provided they have had the prescribed number of hours.

Students graduated from a school maintaining a four-year Academic course recognized by the Regents of the University of the State of New York or by the Committee on Admissions, may take examinations in the following:

English, Four Years (4).

Foreign Language, Three Years (3).

Geometry, One Year (1).

Science, One Year (1) } *or* Second Foreign Language

History, One Year (1) } Two years.

REGISTRATION

Students should register at the office of the Registrar on the days indicated in the academic calendar. The payment of the fee for registration and for a locker forms part of the registration.

SUMMARY OF FEES

Tuition	$75.00	each semester
Laboratory	5.00	" "
Gymnasium	2.50	" "
Library Fee	2.50	" "
Registration Fee	5.00	
Locker Fee	1.00	deposit
	.50	refund for key
Graduation Fee	25.00	

EXAMINATIONS

A student who has an average of A in any subject will be exempted from the semestral examination.

An examination is held at least once during the term and at the completion of the work of each semester.

Absence from semestral or final examinations may be supplied by a "Condition Examination" provided the Registrar is satisfied that such absence was unavoidable.

Absence from a preliminary may be supplied by an examination taken within a week after the student's return with the permission of the Registrar and under her supervision. No higher rating than C will be allowed in this examination.

GRADES, CREDITS AND REPORTS

The achievement of the student will be indicated in the following grades: A, excellent; B, good; C, fair; D, conditioned; F, failed.

The grade of D is not a passing mark. It may be raised to C by a condition examination taken on the date indicated in the academic calendar. Neglect to remove a D at the appointed time causes the student to receive F.

If a student receives grade F in a prescribed course she must repeat the course.

ABSENCES

A student may be absent without penalty in a session as follows: From a course meeting once weekly, once; from a course meeting twice weekly, two and one-half times; from a course meeting three times weekly, four times; from a course meeting five times weekly, seven times. One point will be taken from the aggregate credits of a student whose absence is equivalent to one-tenth of the class hours. A student whose absence exceeds one-fifth of the class hours will receive F in the course. Tardiness is rated as half an absence.

In case the limit is exceeded, a student may at the end of the course appeal to the Students' Attendance Committee, submitting a statement showing the cause of each absence. On the recommendation of the Students' Committee, the Attendance Committee of the Faculty will consider the petition and full or partial credit may be assigned, due regard being had for the reasons of the absences and the standing attained.

Nothing herein is to be interpreted as *permitting* absence.

GENERAL REGULATIONS

1. Before a student will be recommended for graduation she must have satisfied the Faculty as to her moral character and her accomplishment in scholarship. She must also have completed 128 points. (The term "point" signifies the satisfactory completion of work requiring attendance at a one hour weekly session of lecture or recitation.)

2. Of the 128 points required, 8 points must be for Religion; 5 points for Philosophy; 12 points for English; 4 points for Ethics; 6 points for Latin; 6 points for Mathematics; 6 points for Science; 6 points for History; 3 points for Logic; 3 points for Political Science; 1 point in Physical Education. Every student desiring to qualify for License No. 1 examination must have 2 points in Physical Education.

3. A major subject of 24 points must be taken in one department and a minor of 18 points in a subject allied to the major. Major and minor subjects may be chosen only with the written consent of the Head of Department in each case. The decision should be made at the end of the first semester of the Sophmore year. A student desiring to change her major or minor must obtain, on a blank furnished by the Registrar, signatures of all Heads of Departments affected and of the Dean.

4. A degree "With Honor" *(cum laude)* requires a student to have attained grade A in at least 115 of the 128 points required for the degree (excluding Physical Training). She should not have received less than C in any of the remaining points.

A degree "With High Honor" *(Magna cum laude)* requires a student to have attained grade A in courses totaling at least 108 points with the remaining grades B.

A degree "With Highest Honor" *(Summa cum laude)* shall be granted to those students who have received grade A in courses totaling at least 115 points with the remaining grades B.

5. Classification of Students: Sophomore, 34 points; Junior, 68 points; Senior, 100 points.

6. A student desiring to drop a course in which she is registered may do so with the approval of the Dean and the permission of the professor during the first month.

Thereafter a course may be dropped only with the permission of the Dean who must be satisfied that illness has caused the student to seek the cancellation. Otherwise the student will receive F. Students permitted to drop a course must report to the professor.

SCHOLARSHIPS

Through the generosity of friends and patrons a number of scholarships are offered to deserving students. Unless special conditions are named by the founders, the only requirement governing the awarding of scholarships is, that the student shall be one who in scholarly ability will reflect credit upon the college.

The college reserves the right, however, to declare forfeited the scholarship of any student who fails to maintain membership in her official class of entrance.

The sum of two thousand five hundred dollars is necessary to found a full perpetual scholarship, and five hundred dollars for a four-year scholarship. To increase their efficiency in the work of collegiate education, the Sisters of St. Joseph earnestly solicit such foundations.

PERPETUAL SCHOLARSHIPS

THE BISHOP McDONNELL MEMORIAL, founded by THE RIGHT REVEREND THOMAS E. MOLLOY, D.D.

THE WALTERS' MEMORIAL, founded by MR. JOHN WALTERS.

THE SAINT JOSEPH'S COLLEGE ALUMNAE.

THE BLOCK MEMORIAL, founded by MR. AND MRS. GASTON BLOCK.

THE CATHERINE BRADLEY-MURRAY MEMORIAL, founded by THOMAS E. AND JOSEPH MURRAY.

THE SISTERS OF SAINT JOSEPH founded a Perpetual Scholarship (Golden Jubilee Gift) for a graduate of Saint James' Academy.

THE VERY REVEREND WILLIAM T. McGUIRL, LL.D., founded THE MOTHER MARY LOUIS PERPETUAL SCHOLARSHIP.

THE CATHERINE CURTIN MEMORIAL, founded by the HON. JOHN J. CURTIN, LL.B.

REQUIREMENTS FOR DEGREES

1. Bachelor of Arts

Freshman Year

Religion	2	points
English	8	"
Latin	6	"
Modern Language	6	"
Mathematics or History	6	"
Science	8	"
Physical Training	½	"
	36½	"

Sophomore Year

Scripture	2	points
Religion	2	"
English	4	"
History or Mathematics	6	"
Major, Minor and Electives	19	"
Logic	3	"
Physical Training	½	"
	36½	"

Junior Year

Religion	2	points
Philosophy	5	"
Political Science	3	"
Major, Minor and Electives	21	"
	31	"

Senior Year

Ethics	4	points
Major Subjects, Electives and Major Methods	20	"
	24	"

COURSE *of* STUDIES

RELIGION

Religion 1. Introductory.

Religion; divisions, natural vs. supernatural; revelation, nature, phases; scripture; inspiration; Old Testament history; Pentateuch; faith and reason; faith and science; mysteries; Bible and science, astronomy, geology, biology, paleontology, archæology.

1 hour a week, 1 semester, 1 point.

Religion 2. Divinity of the Christian Mission.

New Testament; gospels, authenticity, integrity, veracity established by Canon, intrinsic evidence, tradition and reason; miracles and prophecy, nature and probative value; divinity of Christian mission established; divinity of Christ.

1 hour a week, 1 semester, 1 point.

Religion 3. Church of Christ.

Notes of the true church applied to heresy and schism; attributes of Catholicism; authority to teach, govern and minister; indefectibility; infallibility, fact, nature and limitations; primacy, proof, scope, extension; Church and State, mutual relation and conflict, liberty, liberalism, types and dangers.

1 hour a week, 1 semester, 1 point.

Religion 4. Special Apologetics.

Catholic intolerance; inquisition; Galileo, Savanarolo, Bruno, Beatrice Cenci, Erasmus, Bismarck; Edict of Nantes; St. Bartholomew's Eve; religious wars; temporal power and temporal sovereignty of the Popes; Church and civilization; Agnosticism; Christian Science; Theosophy; Higher Criticism.

1 hour a week, 1 semester, 1 point.

SACRED SCRIPTURE

Scripture 1. Canonics.

Evolution of the Old Testament Canon; history of the New Testament; Apocrypha; Inspiration, described and differentiated, nature and extent, history of the doctrine; decrees of Biblical Commission; Pentateuch as inspiration; a study of typical historical, prophetical and moral works of the Old Testament.

1 hour a week, 1 semester, 1 point.

Scripture 2. Textual History and Appreciation.

Ancient Texts; versions, Latin, Greek, old, middle and modern English; orthodox and heterodox; Biblical criticism; reading of the Gospels, the Epistles and the Apocalypse with emphasis upon background, meaning and inspirational profit.

1 hour a week, 1 semester, 1 point.

Scripture 3. Hermeneutics.

Principles of interpretation and general rules of construction; history of Biblical interpretation among (a) the Jews, (b) Early Christians, (c) Heretics; exegesis of typical works of Old and New Testaments.

(Elective.)

1 hour a week, 1 semester, 1 point.

PHILOSOPHY

Phil. 1. Introductory.

Definition; division; methods; philosophy and the inductive sciences; summation of history of philosophy; the world and self; mind and matter; principles of general metaphysics; substance and accidents; being; nature; essence.

1 hour a week, 1 semester, 1 point.

Phil. 2. Empirical Psychology.

Laws of the mind; mental processes; cognition, (a) sensation and perception, (b) representation, (c) intellection; appetition, (a) elemental feelings, (b) emotions, (c) sentiments; conation, (a) physical activity, (b) psychophysical reactions, (c) volition.

Required of Juniors.

2 hours a week, 1 semester, 2 points.

Phil. 3. Epistemology.

Study of thought-processes for the purpose of determining their ultimate significance and validity as factors of knowledge; origin and growth of epistemology; necessity of a knowledge of the subject for all sciences; individual criteria considered in detail, stressing sense information, testimony and reason.

(Elective.)

1 hour a week, 1 semester, 1 point.

Phil. 4. Cosmology.

Constitution of matter; Life, nature and characteristics; evolution; time and space; efficiency and teleology, application of principles to empirical science; a comparative study of the methods of metaphysics and the physical sciences.

Required of Juniors.
1 hour a week, 1 semester, 1 point.

Phil. 5. Rational Psychology.

The Soul, a substantiality, phenomenalism; spirituality of the soul; union of real and ideal; indentity hypothesis and double-aspect theory; origin (a) of the organism, (b) of the soul, and (c) of the race; the soul immortal.

Required of Juniors.
1 hour a week, 1 semester, 1 point.

Phil. 6. Theodicy.

Existence of God, the question, the proof, *a priori, a posteriori,* moral, physical and metaphyical, *a simultaneo* argument considered; nature of God as known by His attributes, primary and secondary, positive and negative; God and the world, deism, pantheism, agnosticism.

Required of Juniors.
1 hour a week, 1 semester, 1 point.

ETHICS

Ethics 1. General Ethics.

Human Acts; ends; morality of human acts; determinants of morality; imputability of acts; law, the objective norm; Conscience, the subjective guide; general collateral readings and specific subjects assigned with the idea of making practical the theoretical knowledge acquired. These are organic parts of the course.

Required of Seniors.
2 hours a week, 1 semester, 2 points.

Ethics 2. Special Ethics.

Right and duty; duties to the Creator; duties to our fellowman, relative to honor, life and property; social ethics, domestic society, civil society; International Law; equity; contracts, trusts; corporations; war; crime; The Constitution; The League of Nations.

Required of Seniors.
2 hours a week, 1 semester, 2 points.

CHURCH HISTORY

Ch. History 1. Development of the Church up to 14th Century.

Nature and scope of Church History; method; sources; divisions; foundation of the Church; the Church and paganism; beneficent results of alliance of Church and State; menace of imperial vassalage and Byzantinism; Crusades and their influence on the prestige of the Church.

1 hour a week, 1 semester, 1 point.

Ch. History 2. The Church in Modern Times.

Usurpation of Church rights by the State; Protestantism; rationalism and the Catholic Church; Popes of the 19th and 20th Centuries; propagation of Christianity; the Catholic Church in the United States.

1 hour a week, 1 semester, 1 point.

EDUCATION

The courses in Education are open to all properly qualified college students.

Courses 1, 2, 4, 5 and 7 are required for the examination for License No. 1 by the New York City Board of Education.

Education 1. History of Education.

Description of the various systems of education by which principal nations of the world have attempted to realize their social ideals; criticism of educational theories and practices at different periods. Work consists of lectures, recitations and assigned readings.

3 hours a week, 1 semester, 3 points.

Education 2. Principles of Education.

Principles underlying physical, vocational, moral and cultural education; statement of aims and means of realizing them; application of principles to the methods of teaching specific elementary school subjects.

3 hours a week, 1 semester, 3 points.

Education 3. Logic.

Principles of correct reasoning; relation of logic to education; selections from newspapers and magazines used in defining, classifying and detecting fallacies.

3 hours a week, 1 semester, 3 points.

Education 4. General Psychology.

Nervous Mechanism, correlation with mental phenomena; general relation of mind and body.

3 hours a week, 1 semester, 3 points.

Education 5. Educational Psychology.

Activities of mind from standpoint of development; laws of learning and special needs of teachers.

3 hours a week, 1 semester, 3 points.

Education 6. Secondary Education.

Methods of teaching in secondary schools; application of fundamental principles; observation, presentation and criticism of lessons in class in the subjects pupils are planning to teach; study of organization of modern high school; readings in assigned texts; special assignments.

3 hours a week, 1 semester, 3 points.

Education 7. Methods of Teaching.

Elementary methods; special methods in English, arithmetic, history, geography, nature study.

3 hours a week, 1 year, 0 points.

Education 8. Special Methods.

Methods in elementary sewing, music and drawing.

1 hour a week, 2 semesters, 0 points.
Exemption from city examination.

LATIN

Latin 1. Elementary.

Elements of Latin; forms and essential principles of syntax; daily exercises in reading, writing Latin.

Open to students who have had no Latin.
3 hours a week, 1 semester, 3 points.

Latin 2. Elementary.

Elements of Latin, continued; further study of principles of syntax; simple Latin prose composition; rapid reading of easy prose.

Open to students who have completed Latin 1.
3 hours a week, 1 semester, 3 points.

Latin 3. Livy.

Selections from Books I, XXI, XXII; discussion of Livy's historical methods; importance of Livy as a source of historical information; literary style; comparative study of Caesar, Livy and Tacitus with reference to style

and value as historians; comparative study of great national epic, "Aeneid" of Virgil, and so-called "prose" epic of Livy as to founding of Rome.

Prescribed for Freshmen presenting four years of secondary school Latin.
3 hours a week, 1 semester, 3 points.

Latin 4. Horace.

Odes and Epodes; selected odes read and interpreted; varieties of stanza and meter will receive attention; Horace's life, policies, philosophy and influence on subsequent literature will be made the subjects for occasional lectures.

Open to Freshmen who have completed Latin 3.
3 hours a week, 1 semester, 3 points.

Latin 5. Roman Elegy.

Selections from Catullus, Tibullus, Propertius, Ovid; study of the influence of politics on literature as reflected in the poetry of the representatives of the late republic and early empire respectively. Discussion of Alexandrine influence on Roman elegy.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 6. Patristic Literature.

Selections from writings of Minucius Felix, Tertullian, St. Cyprian, Lactantius, Ausonius, St. Jerome, St. Ambrose, St. Augustine; study of Ciceronian and Silver Age influence on syntax and style of patristic Latin; peculiarities of post-classical Latin noted.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 7. Tacitus.

Agricola and Germania; history and "kultur" of the barbarians; comparative study of Caesar, Livy and Tacitus as historians; influences prominent in giving color to language of Tacitus.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 8. Latin Comedy.

Selected plays of Plautus and Terence; evolution of Roman drama; comparative study of the style, diction and technique of the two chief exponents of Latin comedy; meters used by Plautus and Terence; influence of Latin comedy on Shakespeare and Molière; collateral readings; development of Roman theatre.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 9. Horace.

Satires and Epistles; various definitions of satire; study of Horace from point of view of definitions; literary and moral influence of Horace's Satires and Epistles in his own, in medieval and in modern times; collateral readings (in English) of the fragments of satires of Lucilius and selected satires of Juvenal.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 10. Prose Composition.

Aims to give thorough review of syntax by daily written exercises employing vocabulary from Caesar and Cicero.

Open to students who have completed Latin 1 and 2 or the equivalent.
2 hours a week, 1 semester, 2 points.

Latin 11. Grammar.

Detailed study of Latin grammar, meter and prosody; application of rules to daily exercises.

Open to students who have completed Latin 1 and 2 or the equivalent.
2 hours a week, 1 semester, 2 points.

Latin 12. Cicero.

Tusculan Disputations; philosophical and religious views of Cicero as reflected in the Disputations and other philosophical works; influence of various vicissitudes of Cicero's life on his philosophy; study of Cicero's style and diction.

Open to students who have completed Latin 3 and 4.
3 hours a week, 1 semester, 3 points.

Latin 13. History of Latin Literature.

General survey of the literary history of Rome; lectures and discussions on the origin and development of Latin literature and its chief exponents in prose and poetry.

Open to Seniors specializing in Latin.
1 hour a week, 1 semester, 1 point.

Latin 14. Methods of Teaching Latin.

Teaching of Latin in secondary schools; lectures; class reports; observation; practice teaching.

Open to Seniors specializing in Latin.
2 hours a week, 1 semester, 2 points.

GREEK

Greek 1. Elementary.

Elements of Greek; study of forms and essential principles of syntax; reading and writing of Greek practiced from the beginning.

Open to students who have had no Greek.
3 hours a week, 1 semester, 3 points.

Greek 2. Elementary Syntax.

Detailed study of the principles of syntax; prose composition; reading of simple Greek stories.

Open to students who have completed Greek 1.
3 hours a week, 1 semester, 3 points.

Greek 3. Xenophon's Symposium.

Study of the style and diction of Xenophon; study of Greek life and customs as reflected in the "Symposium"; collateral readings (in English) of Plato's "Symposium."

Open to students who have completed Greek 1 and 2.
3 hours a week, 1 semester, 3 points.

Greek 4. Plato.

Apology and Crito; Athenian political and educational institutions studied as a background; outline of Greek philosophy before the time of Socrates; so-called crime of Socrates; his sentence; his death; collateral readings (in English) of Xenophon's "Memorabilia" and Aristophanes' "Clouds."

Open to students who have completed Greek 1 and 2.
3 hours a week, 1 semester, 3 points.

Greek 5. Homer.

Odyssey, Books I, IV, IX; study of Homeric syntax and poetic forms; lectures on the three great phases of Greek poetry—epic, lyric and dramatic; reading (in English) of Aristotle's "Theory of Poetry."

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 6. Sophocles.

Antigone and Oedipus Tyrannus; rise and development of Greek drama; Greek theatre; technique of Greek drama; political and religious views of Athens as reflected in the drama of the times.

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 7. Demosthenes.

Greek oratory; study of Philippics or Olynthiac orations for content and style; historical outline of Macedonian conquests and Greek hegemonies; Greek oratory and modern newspaper compared as influences in forming public opinion.

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 8. Thucydides.

"Histories," Books I and IV; court of Pericles, his guests; Athenian customs; woman's position; classes of society; current philosophical views studied as a background to the historical and political views of Thucydides; study of his historical and literary style.

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 9. Euripides.

Medea and Alcestis; reactionary philosophical, political and religious views as reflected in the works of Euripides; comparative study of Sophocles and Euripides with reference to technique, plot and personality of writers; collateral readings (in English) of the "Electra" of each of the dramatists included in the course.

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 10. Greek Patristic Writings.

St. John Chrysostom's "Defense of Eutropius" and St. Basil's "On the Reading of Books"; comparative study of oratorical vigor and literary style of St. John Chrysostom and Demosthenes; comparative study of essay of St. Basil and Cardinal Newman's "Essay on Literature."

Open to students who have completed Greek 3 or its equivalent.
3 hours a week, 1 semester, 3 points.

Greek 11. History of Greek Literature.

Lectures on development of Greek literature in prose and poetic forms; reports; selected readings.

Open to students who have completed Greek 3 or its equivalent.
2 hours a week, 1 semester, 2 points.

CLASSICS

Classics 1. Greek Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Greeks; their political development and national life; their systems of philosophy and principles of education; their expansion, colonies and intercourse with other peoples; their influence on modern art, literature and education.

Prescribed for Freshmen who present 2 or 3 years of secondary school Latin.
3 hours a week, 1 semester, 3 points.

Classics 2. Roman Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Romans; Hellenistic influence on Roman civilization; study of Roman character as manifested in early Roman institutions; study of Roman character as manifested in later Roman institutions under Greek and oriental influence; evolution of Roman Republic and Empire, respectively; fundamental principles of Roman government; Roman law; Roman conquests; spread of Roman civilization; Roman philosophy and education; roads; tunnels; architecture; literature; influence of Romans on modern art, literature, education and governmental policies.

Open to Freshmen who have completed Classics 1.
3 hours a week, 1 semester, 3 points.

ENGLISH

COMPOSITION

English 1. Composition, Part 1.

A study of the principles of unity, coherence and emphasis in sentence, paragraph, and composition as a whole; punctuation; grammar; written application of principles studied.

1 hour a week, 1 semester, 1 point.
Required of Freshmen.

English 2. Composition, Part 2.

A study of diction; letter writing; exposition; interpretation of literature; informal argument; written themes.

1 hour a week, 1 semester, 1 point.
Required of Freshmen.

English 3. Composition, Part 3.

Argument—logical organization, proof, presentation; description—types, elements, style, technique; exercises in verse; diction.

1 hour a week, 1 semester, 1 point.
Required of Sophomores.

English 4. Composition, Part 4.

Narration—essentials, informational narrative, types; elements of the story—plot, characterization, setting, dialogue; exercises in verse; review of the mechanics of writing.

1 hour a week, 1 semester, 1 point.
Required of Sophomores.

English 5, 6. Advanced Composition.

A more detailed study of the principles of style and of the art of writing: qualities of style; diction; background and approach to creative writing; the literary types; exercises in prose and verse; individual assignments weekly.

1 hour a week, 2 semesters, 1 point each semester.

English 7, 8. Journalism.

News writing and magazine articles; preparation of manuscript; proof-reading; individual assignments weekly in informational articles, interviews, news articles and verse.

1 hour a week, 2 semesters, 1 point each semester.
Prerequisite: English 6.

LITERATURE

English 9. Survey of English Literature, Part 1.

Background of the historical and social conditions of the periods covered in the study of literature during the beginnings, Anglo-Norman, Renaissance, Dryden, and Pope periods; a study of Chaucer's "Knight's Tale," Shakespeare's "Hamlet," and selections from Dryden's "Hind and Panther" and "Alexander's Feast"; reports on assigned readings.

2 hours a week, 1 semester, 2 points.
Required of Freshmen.

English 10. Survey of English Literature, Part 2.

Background and social conditions of the periods covered in the study of literature during the ages of Wordsworth and Tennyson; a study of selections from Wordsworth, Coleridge, Shelley, Keats, Tennyson, Browning, Lamb, and Ruskin; reports on assigned readings.

2 hours a week, 1 semester, 2 points.
Required of Freshmen.

English 11, 12. English Prose from Malory to Chesterton.

A study of selections representative of the history and development of prose; their content, historical background, and significance in the growth of modern English style.

1 hour a week, 2 semesters, 1 point each semester.
Required of Sophomores.

English 13. Anglo-Saxon Literature (in modern English).

A survey of English language and literature to 1066; Alfred, Aelfric, Bede; Beowulf, Caedmon, Cynewulf; a study of the Anglo-Saxon character as expressed in the literature of the period.

2 hours a week, 1 semester, 2 points.

English 14. Middle English.

A survey of English language and literature from 1150 to 1500; readings from medieval romances, tales, chronicles; religious and didactic literature; lyrics; mystery plays.

2 hours a week, 1 semester, 2 points.

English 15, 16. Shakespeare.

Reading and interpretation of four plays each semester; study of structure and types of plays; four written reports each semester on topics suggested by the study.

2 hours a week, 2 semesters, 2 points each semester.

English 17. The Romantic Movement in English Literature.

A study of the growth of the romantic spirit in prose and poetry during the late eighteenth and early nineteenth centuries: historical background; relation to the general expression of the same spirit in western Europe; characteristic authors; effect of the Romantic Movement on later prose forms.

2 hours a week, 1 semester, 2 points.

English 18. Victorian Literature.

The social and economic background of the period in relation to the work of Tennyson, Browning, and Newman; a study of their work from selections; written reports.

2 hours a week, 1 semester, 2 points.

English 19. American Poetry.

A study of American ideals as expressed in the poetry of the nation: Colonial and Revolutionary beginnings; Bryant, Emerson, Longfellow, Whittier, Holmes, and Lowell; Poe, Lanier, Whitman, and their contemporaries.

2 hours a week, 1 semester, 2 points.

English 20. American Prose.

A study of the expression of American thought as indicated in the growth of prose literature: early religious, controversial, and political writers; the Transcendentalists; Irving, Cooper, Hawthorne, Mark Twain, Howells, and James; criticism, the short story, the drama.

2 hours a week, 1 semester, 2 points.

English 21, 22. Contemporary Literature.

A survey of the progress of English and American literature from the 1890's to the present day; an analysis of the trend of writing now being done in each of the principal types of literature.

2 hours a week, 2 semesters, 2 points each semester.

English 23, 24. Masterpieces of World Literature.

The aim of this course is to provide for the student of English literature a background of Classical, Germanic, and Romance literatures in their contacts with the important developments in English literature: Homer; Virgil; the Greek drama; the Augustans; medieval romances; the Renaissance in western Europe; the ideals of Classicism; the Romantic Revival; general and individual assignments in reading, reports, and discussions.

1 hour a week, 2 semesters, 1 point each semester.

English 25. The English Novel.

The study of the evolution of the English novel; tracing the contribution of the various types in the development; readings and reports illustrating the different types.

2 hours a week, 1 semester, 2 points.

English 26. The English Drama.

Traces the development of drama from the Mystery Plays through the nineteenth century; reading of selected types and optional plays; reports and class discussions.

2 hours a week, 1 semester, 2 points.

English 27. The English Essay.

A study of the development of the English essay from Montaigne through the nineteenth century; selected readings of representative essays of the various periods; class reports.

2 hours a week, 1 semester, 2 points.

English 28. Literary Criticism.

A study of criteria for the evaluation of literature. Literature as a realizable presentation of life; truth to human experience; analysis of imaginative and emotional elements; restraint, perspective; formal elements; practice in application to assigned readings.

2 hours a week, 1 semester, 2 points.

English 29. History of the English Language.

The Indo-European group of languges; the reading, in Anglo-Saxon, of selections from the New Testament and Beowulf, and Caedmon's hymn; Middle English dialects; standard English; processes of growth; history of individual words; brief survey of inflectional grammar.

2 hours a week, 1 semester, 2 points.

English 30. Methods of Teaching English in Secondary Schools.

Interpretation and presentation of typical high school texts with their literary and historical background; aims, methods, material, development, and correction of composition; the teaching of grammar; discussion of problems incidental to the teaching of English; readings in professional literature.

2 hours a week, 1 semester, 2 points.

SPEECH EDUCATION

English 31, 32. Phonetics.

A scientific study of English sounds; attention to speech defects; drill on correct sounds, initiation of tone, and voice projection.

1 hour a week, 1 year, 2 points.
Required of Freshmen.

English 33, 34. Advanced Course in Speech and Voice.

Open only to students who have completed 31, 32.

1 hour a week, 1 year, 2 points.

English 35, 36. Oral Interpretation of Literature.

This course is planned for students who wish artistic training in interpretation; opportunity is given for individual expression.

Open only to students who have completed 31, 32.

1 hour a week, 1 year, 2 points.

FRENCH

French 1-2. Elementary.

Beginner's course; fundamentals of French grammar; pronunciation; practice in conversation and reading of simple French prose.

3 hours a week, 1 year, 6 points.

French 3-4. Intermediate.

Review of French grammar; practice in reading, speaking and writing French.

Open to Freshmen who have had 2 or 3 years of secondary school or elementary French.

3 hours a week, 1 year, 6 points.

French 5-6. Advanced.

Intensive study of French syntax; composition; dictation; idioms; reading; conversation.

Open to students who offer more than 3 years of French.
3 hours a week, 1 year, 6 points.

French 7-8. French Conversation.

Composition and oral practice; persistent conversation and exercises in composition relating to affairs in everyday life.

2 hours a week, 1 year, 4 points.

French 10-11. General Literature.

General survey of French history, literature, art and culture.

Required of all Sophomores in the French major and minor; may be offered as an elective by other qualified students.
3 hours a week, 1 year, 6 points.

French 12-13. Golden Age of French Literature.

Classic prose and development of the drama through the Seventeenth and Eighteenth Centuries.

Required of all Juniors and Seniors in the French major and minor.
3 hours a week, 1 year, 6 points.

French 14-15. French Literature of the Nineteenth Century.

Romantic period; modern and contemporary novel; poetry and drama.

3 hours a week, 1 year, 6 points.

French 16. Formal and Practical Phonetics.

Corrective exercises; elements of diction; practical phonetics applied to reading and speaking French, special attention to correction of defective pronunciation and accent.

Required of Seniors in the French major.
2 hours a week, 1 semester, 2 points.

French 17. Methods of Teaching French.

Observation and practice in teaching French in secondary schools.

Open to Seniors in the French major.
2 hours a week, 1 semester, 2 points.

GERMAN

German 1-2. Elementary.

Fundamentals of German Grammar; speaking; reading and writing; direct method; reading of one easy text.

3 hours a week, 1 year, 6 points.

German 3-4. Intermediate.

Review of German Grammar; reading of prose authors, literary and scientific; exercises in composition; lyrics and ballads.

Open to students who have had German 1-2 or 2 years of German in secondary school.

3 hours a week, 1 year, 6 points.

SPANISH

Spanish 1-2. Elementary.

Beginner's course; fundamentals of grammar; pronunciation; conversation; reading of simple Spanish.

3 hours a week, 1 year, 6 points.

Spanish 3-4. Intermediate.

Review of Spanish grammar; idioms; composition; dictation; reading; conversation.

Open to Freshmen who have had two or three years of secondary school Spanish.

3 hours a week, 1 year, 6 points.

Spanish 5-6. Advanced.

Reading; more intensive study of syntax; idioms; conversation.

Open to Freshmen who have had more than three years of secondary school Spanish.

3 hours a week, 1 year, 6 points.

Spanish 7-8. General Literature.

General survey of representative works; general study of Spanish history and culture.

Required of Sophomores in the Spanish major or minor; open, as an elective, to other qualified students.

3 hours a week, 1 year, 6 points.

Spanish 9-10. Golden Age of Spanish Literature.

Spanish classics; development of novel and drama through Seventeenth and Eighteenth Centuries.

Required of all Juniors and Seniors in the Spanish major or minor.

3 hours a week, 1 year, 6 points.

Spanish 11-12. Spanish Literature of the Nineteenth Century.

Romantic period; novel in the Nineteenth Century; other prose writers of the Nineteenth Century.

Required of all Juniors and Seniors in the Spanish major.

3 hours a week, 1 year, 6 points.

Spanish 13-14. Spanish-American Literature.

Contemporary dramatists; modernistic movement; study of best representatives of the period.

Required of all students in the Spanish major and minor. Open to all other qualified students.
3 hours a week, 1 year, 6 points.

Spanish 15-16. Spanish Conversation.

Composition and oral practice; conversation relating to affairs of every-day life.

2 hours a week, 1 year, 4 points.

Spanish 17. Phonetics.

Practical phonetics applied to reading and speaking Spanish; elements of diction; special attention to correction of defective pronunciation and accent.

Required of all Seniors in the Spanish major.

Spanish 18. Methods in Teaching Spanish.

Historical grammar; observation and practice in teaching Spanish in secondary schools.

Open to Seniors in the Spanish major.
2 hours a week, 1 semester, 2 points.

HISTORY AND POLITICAL SCIENCE.

History 1-2. General History.

This is a foundation course. It traces the development of civilization and the long struggle between autocracy and democracy. It stresses the continuity of history and the dependence of the present on the past.

3 hours a week, 1 year, 6 points.
Open to all students. Prerequisite for all other work in history.

History 3. Europe Since 1815.

An intensive study of the great tendencies of the century; the building up of nations—Germany, Italy and the Balkan States; expansion; the chief economic and social problems.

3 hours a week, 1 semester, 3 points.

History 4. The World War.

Historical background; fundamental causes; the Austro-Serbian controversy; violations of international law; America's war aims, campaigns; geographical features; science and the war; economic, social, religious problems; peace; boundary changes; reconstruction.

3 hours a week, 1 semester, 3 points.

History 5. Beginnings of the American People.

Discovery, exploration and colonization of North America by Europeans; social, economic and political development of the English colonies; influence of the colonial period on American institutions.

3 hours a week, 1 semester, 3 points.

History 6. International Relations of the United States since the Declaration of Independence.

Development of American policies with special reference to Western Europe, Latin America and the Far East.

3 hours a week, 1 semester, 3 points.

History 7-8. Survey of American History Since 1783.

Critical period; establishment of the government of U. S.; development of nationality; economical and governmental growth; significant tendencies in recent American history.

3 hours a week, 1 year, 6 points.

History 9-10. English History.

A survey of the rise and development of democratic institutions; England's emergence from isolation; international relations; recent history of the federated empire.

3 hours a week, 1 year, 6 points.

History 11. The Ancient World.

Classical or Golden Age of Greece; Athenian democracy; Greek influence on Rome; the Augustan Age.

3 hours a week, 1 semester, 3 points.

History 12. History of Medieval Europe.

The restoration of the Roman-Frankish Empire by Charlemagne; the Christian Church; beginnings of modern nations; Crusades; Renaissance, 16th Century revolution.

3 hours a week, 1 semester, 3 points.

History 13. Methods of Teaching History in Secondary Schools.

Development of school instruction in history in the 17th Century; programs of history teaching in Europe and America; problem of grading history; aims and values; study of social groups; practice teaching.

2 hours a week, 1 semester, 2 points.

Open to Seniors whose major is history.

Political Science 14. Principles of Political Science.

Nature of the state; government as the organ of authority; relation of the state and the individual; application of the principles in the government of the ancient world, medieval and modern times.

3 hours a week, 1 semester, 3 points.

Political Science 15. Economics.

A systematic view of the leading principles of political economy; discussion and indicated solution of economic problems—currency, credit, banking, trusts, labor, transportation, socialism; industrial history of the United States in its extensive and intensive aspects.

3 hours a week, 1 semester, 3 points.

MATHEMATICS

Math. 1. Mathematical Analysis I.

The function concept applied to problems of variation; differentiation; integration; trigonometric functions; numerical calculations involving the use of logarithms.

3 periods, 1 semester, 3 points.
Required for the degree.

Math. 2. Mathematical Analysis II.

Rectangular and polar coördinates; trigonometric analysis; equations; progressions and series; the complex number system.

3 periods, 1 semester, 3 points.
Required for the degree.

Math. 3. College Algebra.

Mathematical induction; permutations; combinations; probabilities; complex numbers and their graphs; theory of equations; determinants; partial fractions; series.

3 periods, 1 semester, 3 points.

Math. 4. Solid and Spherical Geometry.

Lines, planes, and angles in space; polyhedrons; the cylinder; the cone; the sphere; treatment of the theory of limits in an informal way.

3 periods, 1 semester, 2 points.

Math. 5. Plane and Spherical Trigonometry.

Plane and spherical right and oblique triangles; general relations connecting trigonometric functions of arcs and angles; trigonometric analysis; slide rule and transit.

3 periods, 1 semester, 3 points.

Math. 6. Analytic Geometry I.

Loci and their equations; conic sections; transformation of coördinates; polar coördinates.

3 periods, 1 semester, 3 points.

Math. 7. Analytic Geometry II.

Higher plane curves; properties of the conic sections; analytic geometry of space.

3 periods, 1 semester, 3 points.

Math. 8. Differential Calculus.

Variable and functions; theory of limits; differentiation; maxima and minima; rates; change of variable; curvature; envelopes; series, asymptotes; applications.

3 periods, 1 semester, 3 points.

Math. 9. Integral Calculus.

Integration—standard forms, the definite integral, integration by parts, summation, successive and partial integration; applications.

3 periods, 1 semester, 3 points.

Math. 10. Differential Equations.

Differential equations and their solutions, including ordinary and partial differential equations; practical applications.

3 periods, 1 semester, 3 points.

Math. 11. Fundamental Concepts of Modern Mathematics.

Postulates or assumptions as logical foundations of mathematics; logical development of the number system; abstract relation of algebra and geometry; fundamental and derived notions of class, such as order, group, dimensionally, function, variable, invariant, continuity, transformation, series.

3 periods, 1 semester, 3 points.

Math. 12. History of Mathematics I.

A general survey of the history of arithmetic, algebra, geometry and trigonometry.

3 periods, 1 semester, 3 points.

Math. 13. History of Mathematics II.

History of analytic geometry, calculus and modern mathematics.

3 periods, 1 semester, 3 points.

Math. 14. Higher Mathematical Analysis.

Planned primarily for those students who intend to teach mathematics in secondary schools. It includes the fundamental problems of high school and college mathematics.

3 periods, 1 semester, 3 points.

Math. 15. Theory of Equations.

Complex numbers; roots of an equation; construction with ruler and compasses; cubic and quartic equations; graphs; isolation of real roots; Horner's and Newton's methods of solution of equations; determinants; symmetric functions.

3 periods, 1 semester, 3 points.

Math. 16. College Geometry.

Geometric constructions; loci; similar and homothetic figures; properties of the triangle as the circumcircle and nine-point circle; Menelaus' theorem; Ceva's theorem; harmonic properties of the circle; inversions; poles and polars.

3 periods, 1 semester, 3 points.

Math. 17. Projective Geometry.

General theory; elements, duality, anharmonic ratio, projection; applications: conics and elements at infinity, poles and polars of conics, quadric cones, skew ruled surfaces.

3 periods, 1 semester, 3 points.

Math. 18. Methods of Teaching Mathematics in Secondary Schools.

Methods of teaching algebra and geometry; study of objectives, aims, reorganization of subject matter, fusion courses, standard tests; observation; practice.

2 hours, 1 semester, 2 points.

Intermediate Algebra.

Required of all students who take mathematics for a major or minor.

PHYSICS

Physics 1-2. General.

Fundamental principles and properties of matter; mechanics; heat; magnetism; electricity; light; sound.

3 hours, 1 afternoon laboratory a week, 1 year, 8 points.

Physics 3. Heat.

Internal forces of matter; kinetic theory; thermometers; change of condition; radiation and absorption; calorimetry; steam and gas engines; properties of gases.

2 hours, 2 afternoons laboratory a week, 1 semester, 4 points.

Physics 4. Magnetism and Electricity.

Properties of magnets; terrestrial magnetism; compass; laws of magnetic attraction and repulsion; process of magnetization; forces of electric phenomena; condensation; Faraday's law of electrolysis; measurement of current; thermo-electricity; cathode ray; canal rays; X-rays; application of electricity to therapeutics.

2 hours, 2 afternoons laboratory a week, 1 semester, 4 points.

Physics 5. Light.

Wave motion; refraction; reflection; optical instruments; interference; polarization; sources of light; color phenomena.

2 hours, 2 afternoons laboratory a week, 1 semester, 4 points.

Physics 6. Sound.

Nature, production, propagation and reflection of sound; scientific basis of our musical system; vibration of strings, rods, plates, membranes; acoustics of buildings.

2 hours, 2 afternoons laboratory a week, 1 semester, 4 points.

CHEMISTRY

Chemistry 1-2. General.

Principles of inorganic chemistry; study of principal elements; description of inorganic and simple organic compounds; important laws and theories; chemical equations and calculations; practical references and applications to chemical facts of every-day life.

3 hours, 1 afternoon laboratory a week, 1 year, 8 points.

Chemistry 3-4. Qualitative Chemical Analysis.

Theories, operations and methods employed to ascertain what chemical elements or simple chemical compounds are present in more complex substances and mixtures; study of reactions for metals and acid radicals in solution; reactions for dry substances.

2 hours, 2 afternoons laboratory a week, 1 year, 8 points.

Chemistry 5-6. Quantitative Chemical Analysis.

Comprehensive study of the theory of quantitative analysis; fundamental principles involved are: precision, weighing, measurement of volumes, neutralization, solubility product, oxidation-reduction and evolution, and measurement of gases.

1 hour, 2 afternoons laboratory a week, 1 year, 8 points.

Chemistry 7-8. Organic Chemistry.

Study of the most important classes of organic compounds in the aliphatic and aromatic series.

3 hours, 2 afternoons laboratory a week, 1 year, 8 points.

BIOLOGY

Biology 1-2. General Biology.

The functions of living beings; study of organs; tissues; cells; protoplasm; various functions of protoplasm; studies with reference to plant, animal and human biology.

3 hours, 1 afternoon laboratory a week, 1 year, 8 points.

Biology 3-4. Systematic Zoölogy.

Study of types from the amœba to mammals.

2 hours, 2 afternoons laboratory a week, 1 year, 8 points.
Biology 1-2 a prerequisite.

Biology 5-6. Systematic Botany.

Morphology, physiology, ecology of types representing the four great groups.

2 hours, 2 afternoons laboratory a week, 1 year, 8 points.
Biology 1-2 a prerequisite.

Biology 7-8. Histology.

Protoplasm; cell; mitosis; animal and plant phyla studied with special reference to their tissues; preparation and mounting of tissue.

2 hours, 2 afternoons laboratory a week, 1 year, 8 points.
Biology 1-2 a prerequisite.

Biology 9-10. Bacteriology.

Morphology and development; preparation of culture media; staining; bacteria in air, soil, water, milk; pathogenic micro-organisms; yeasts and molds.

2 hours, 2 afternoons laboratory a week, 1 year, 8 points.
Biology 1-2 a prerequisite.

STUDENTS' ORGANIZATIONS

The Undergraduate Association

The Dramatic Society — The Literary Society

The Glee Club — The Athletic Association

The Stella Maris Circle—The Students' Missionary Unit.

The Apostleship of Study—The Students' Religious Society.

The students are enrolled in the Society for the Propagation of the Faith.

FORM OF BEQUEST

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think most useful.

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be safely invested by it, and called the Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Saint Joseph's College for Women.

Address all communications to the Dean, St. Joseph's College for Women, 245 Clinton Avenue, Brooklyn, N. Y.

R
378.05
S-G

ARCHIVES 29075

Saint Joseph's College
for Women
Catalogue 1926-34

R
378.05
S-G

29075

AUTHOR
Saint Joseph's College for Women

TITLE
Catalogue 1926-34

DATE DUE	BORROWER'S NAME

ARCHIVES

Library
Brooklyn

ST. JOSEPH'S COLLEGE BROOKLYN LIBRARY
3 1960 02920 830
29075

